11) Publication number:

**0 263 652** A3

(12)

## **EUROPEAN PATENT APPLICATION**

21 Application number: 87308764.7

(51) Int. Cl.4: H01H 13/70

22) Date of filing: 02.10.87

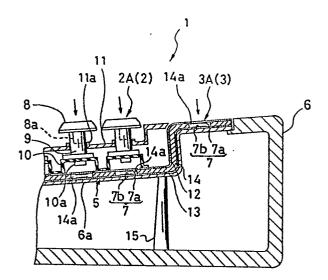
- Priority: 06.10.86 JP 237712/8606.10.86 JP 237713/86
- Date of publication of application:13.04.88 Bulletin 88/15
- Designated Contracting States:
  DE FR GB IT
- Date of deferred publication of the search report:07.06.89 Bulletin 89/23
- Applicant: BROTHER KOGYO KABUSHIKI KAISHA 35, 9-chome, Horita-dori Mizuho-ku Nagoya-shi, Aichi-ken(JP)
- Inventor: Yamakawa, Kiyoshi 3-98 Miyamachi Ginan-cho Hashima-gun Gihu-ken(JP)
- Representative: Senior, Alan Murray et al J.A. KEMP & CO 14 South Square Gray's Inn London WC1R 5EU(GB)

- Input device.
- © Disclosed is an input device (a keyboard) for inputting into an electronic appliance, comprising stroke keys and touch keys.

In an input device having stroke keys and an input device having touch keys, different key scan controls are necessary for the key characteristics, and generally either stroke keys or touch keys are used in an input device.

In the input device according to the present invention, some keys are composed of stroke keys and the other keys are composed of touch keys, and the judgement of ON action and OFF action of these two types of keys is realized by the specific counting means and judging means accompanying the key scan controls.

Fig. 2







## **EUROPEAN SEARCH REPORT**

EP 87 30 8764

Category	Citation of document with indication, of relevant passages	where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	US-A-4523060 (MAGUIRE)	,	, 6-9	H01H13/70
	* the whole document *	•	, 6-9	NO1N13/70
A	Elektronik	,	, 6, 8,	
	vol. 33, no. 16, August 1984,			
	page 69 - 70; H. Stork:			
	"Im Blickpunkt: Tastaturen".			
	* page 70, last paragraph; fig	ure 4 *		
A	FR-A-2446007 (MATTEL)		, 6-9	
	* page 5, line 32 - page 6, li			
	* page 7, line 30 - page 8, li 3, 4 *	ne 13; figures 1,		
			1	
A	FR-A-2570849 (PARET)			
				TECHNICAL FIELDS SEARCHED (Int. Cl.4)
				ноін
	The present search report has been drawn	up for all claims		
Place of search I THE HAGUE		Date of completion of the search 05 APRIL 1989	Examiner OVERDIJK J.	
	ATEGORY OF CITED DOCUMENTS	T: theory or principle t	ınderlying the	invention
Y: part	cularly relevant if taken alone cularly relevant if combined with another	T: theory or principle t E: earlier patent docum after the filing date D: document cited in t L: document cited for a	nent, but publi he application	isned on, or
A: tech	ment of the same category nological background written disclosure			***************************************